

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 26, 2003, 06:26:40 ; Search time 114 Seconds

(without alignments)
4893.377 Million cell updates/sec

Title: US-09-895-686-7

Perfect score: 1819

Sequence: 1 cggctcgagccctaccagc.....cttattactcttaaaaa 1819

Scoring table: IDENTITY_NUC

Searched: Gapop 10.0, Gapext 1.0

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_NA:*

1: /cgn2_6/ptodata/1/ina/5A.COMB.seq:*

2: /cgn2_6/ptodata/1/ina/5B.COMB.seq:*

3: /cgn2_6/ptodata/1/ina/6A.COMB.seq:*

4: /cgn2_6/ptodata/1/ina/6B.COMB.seq:*

5: /cgn2_6/ptodata/1/ina/PCBUS.COMB.seq:*

6: /cgn2_6/ptodata/1/ina/backfile1.seq:*

SUMMARIES

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

Result No.	Score	Query Match	Length	DB ID	Description
1	191.6	10.5	2484	4	US-09-276-531-46
2	187.4	10.3	1212	3	US-09-188-930-249
3	118.8	6.5	311	3	US-09-188-930-4
4	52.4	2.9	7218	1	US-08-232-463-14
5	46.2	2.5	1035	3	US-08-733-837B-1
6	45.4	2.5	1926	4	US-09-249-585A-4
7	45.4	2.5	1931	2	US-09-130-114-2
8	45.2	2.5	6048	4	US-09-634-920-3
9	43.6	2.4	4411529	4	US-09-103-840A-1
10	41.6	2.3	1597	2	US-08-724-974A-1
11	40.8	2.2	3384	2	US-08-687-289A-1
12	40.8	2.2	3809	1	US-08-485-588-3
13	40.8	2.2	3809	1	US-08-484-555-3
14	40.8	2.2	3809	2	US-08-480-751-3
15	40.8	2.2	3809	2	US-08-943-986-3
16	40.8	2.2	3809	3	US-08-353-784-3
17	40.8	2.2	3809	3	US-08-484-719B-3
18	40.8	2.2	3809	4	US-08-546-998-2
19	40.8	2.2	3809	4	US-08-484-159-3
20	40.8	2.2	4465	1	US-08-180-195-1
21	40.8	2.2	4465	1	US-08-477-329-1
22	40.8	2.2	4465	2	US-08-475-458-1
23	40.8	2.2	4465	3	US-08-980-400-1
24	40.8	2.2	4465	4	US-09-583-459A-1
25	40.8	2.2	4465	4	US-09-583-210-1
26	40.8	2.2	4465	4	US-09-583-449A-1
27	40.8	2.2	4465	4	US-09-435-059-1

28	40.8	2.2	5006	1	US-08-485-588-2	Sequence 2, Appl
29	40.8	2.2	5006	1	US-08-484-565-2	Sequence 2, Appl
30	40.8	2.2	5006	2	US-08-480-751-2	Sequence 2, Appl
31	40.8	2.2	5006	2	US-08-943-986-2	Sequence 2, Appl
32	40.8	2.2	5006	3	US-08-353-784-2	Sequence 2, Appl
33	40.8	2.2	5006	3	US-08-484-719B-2	Sequence 2, Appl
34	40.8	2.2	5006	4	US-08-546-998-1	Sequence 2, Appl
35	40.8	2.2	5006	4	US-08-484-159-2	Sequence 2, Appl
36	40.8	2.2	5427	1	US-08-168-917-1	Sequence 1, Appl
37	40.8	2.2	5427	2	US-08-460-510-1	Sequence 1, Appl
38	40.8	2.2	5427	2	US-08-460-490-1	Sequence 1, Appl
39	40.8	2.2	5427	3	US-08-462-728-3	Sequence 1, Appl
40	40.8	2.2	5427	4	US-08-461-917-3	Sequence 3, Appl
41	40.8	2.2	5427	5	PCT-US92-00730-1	Sequence 1, Appl
42	40.8	2.2	5427	5	PCT-US92-00862-1	Sequence 1, Appl
43	40.6	2.2	289	4	US-09-007-005-17	Sequence 17, Appl
44	40.6	2.2	289	4	US-09-244-796-17	Sequence 17, Appl
45	40.6	2.2	3489	2	US-08-728-323A-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1
US-09-276-531-46
Sequence 46, Application US/09276531
Patent No. 6183968
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Lal, Preeti
APPLICANT: Hillman, Jennifer L.
APPLICANT: Yue, Henry
APPLICANT: Reddy, Roopa
APPLICANT: Guegler, Karl J.
APPLICANT: Baughn, Mariah R.
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF GENES ENCODING
RECEPTORS AND PROTEINS ASSOCIATED WITH CELL PROLIFERATION
NUMBER OF SEQUENCES: 134
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/276,531
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/079,677
FILING DATE: March 27, 1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Lynn E. Murty, Ph.D.
REGISTRATION NUMBER: 42,918
REFERENCE/DOCKET NUMBER: PA-0008 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 2484 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: SYNORAT05

RESULT 3
US-09-188-930-4
Sequence 4, Application US/09188930A
Patent No. 6150502
GENERAL INFORMATION:
APPLICANT: Watson, James D.
APPLICANT: Strachan, Lorna
APPLICANT: Sleeman, Matthew
APPLICANT: Onrust, Rene
APPLICANT: Murlson, James Greg
TITLE OF INVENTION: Compositions Isolated From Skin Cells
TITLE OF INVENTION: and Methods for Their Use
FILE REFERENCE: 11000.1011c1
CURRENT APPLICATION NUMBER: US/09/188,930A
CURRENT FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 348
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 4
LENGTH: 311
TYPE: DNA
ORGANISM: Human
US-09-188-930-4

Query Match 6.5%; Score 118.8; DB 3; Length 311;
Best Local Similarity 62.4%; Pred. No. 3.9e-20;
Matches 186; Conservative 0; Mismatches 112; Indels 0; Gaps 0;
QY 190 CCCCTGACTACACCTGTGTGACCCCTGTGGGGCGTGCCTGAGAGCCGTG 249
DB 14 CCGAGGTACACACCTGTGTGATGAGCTGACCTGAGGCGATCGCTAGAAACGCTG 73
QY 250 GCTGGGGCGGCGATGTGCACACGTTGTGTACACATCCGTGAGGCGAGCCGCC 309
DB 74 GCCACAGCGGGGTGTGACCTGCGCTTACGTCTACCTCCGATCTGCTGTC 133
QY 310 TTGTGAGAGACACCAAGAAAGAGAGCTGCTGGGGAACAGATATCTCTCTGAGG 369
DB 134 AAGGTGACAGACCTCAACAGGCGAAATGCTGCTACTCTCCGATCTGCTGTC 193
QY 370 ACCCTGGGCGCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 429
DB 194 GTGTGGGCGATCTTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 253
QY 430 GCGCTGCGGCGCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 487
DB 254 CCGACAGCGCTTCTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 311

RESULT 4
US-08-232-463-14
Sequence 14, Application US/08232463
Patent No. 5670367
GENERAL INFORMATION:
APPLICANT: DORNER, F.
APPLICANT: SCHNEIFLINGER, F.
APPLICANT: FALKNER, F. G.
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 1800 Diagonal Road, Suite 500
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22313-0299
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/232,463
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/935,313
FILING DATE:
APPLICATION NUMBER: EP 91 114 300.6
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/114 IMMU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-9300
TELEFAX: (703)683-4109
TELEX: 899149
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7218 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
CLONE: pTZ9pt-Fls
US-08-232-463-14

Query Match 2.9%; Score 52.4; DB 1; Length 7218;
Best Local Similarity 3.6%; Pred. No. 0.0019;
Matches 14; Conservative 222; Mismatches 158; Indels 0; Gaps 0;
QY 128 TCCTGTCCAGGGGCGCTGGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 187
DB 1044 TCGAGGTGAGGGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 1103
QY 188 ACCCCCTGACTACACCTGTGTGACCCCTGTGAGGCGGCGGCGGCGGCGGCGGCG 247
DB 1104 YY 1163
QY 248 TGCGTGGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCG 307
DB 1164 YY 1223
QY 308 CTTTGTGACAGACACCAAGAAAGAGAGCTGCTGGGGAACAGATATCTCTCTGAGG 367
DB 1224 YY 1283
QY 368 GGAGCCGCGGCGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 427
DB 1284 YY 1343
QY 428 GTGCGTCCGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGG 487
DB 1344 YY 1403
QY 488 CTCAGGCTTTGGCCCTCACTCTCGGCGCGGAA 521
DB 1404 YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYGA 1437

RESULT 5
US-08-733-837B-1
Sequence 1, Application US/08733837B
Patent No. 6107072
GENERAL INFORMATION:
APPLICANT: Ishida, Chika
TITLE OF INVENTION: Thermostable Geranylgeranyl Diphosphate
TITLE OF INVENTION: Synthase
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kenyon & Kenyon
STREET: One Broadway
CITY: New York
STATE: NY

Db 2211 AGCTGGAGGATGATATTCATACGCGCCACGAGGGCTCCCTATGCGCTG66GT 2270
QY 509 TCCTGGCCCCGAGAAACACGAGCCCCGGGGCTGGGATCTTACATGTGGCTCTGCTGC 568
Db 2271 TCCTGATCGGCTACACCTGCTGCTGCTGCCATCTCTCTTCTTGCCCTTCAAGTCCC 2330
QY 569 TGACCCCTGTAGAGGTGATCATCAATACAGAGTGGCTGATCATCACCCCTGT 620
Db 2331 GGAAGCTGCGGAGAACTTCAATGAAGCCAAAGTTATCATCCTTCAGCATGCT 2382

RESULT 12
US-08-485-588-3
Sequence 3, Application US/08485588
GENERAL INFORMATION:
APPLICANT: Edward M. Brown
APPLICANT: Steven C. Hebert
APPLICANT: Forrest H. Fuller
APPLICANT: James E. Garrett, Jr.
TITLE OF INVENTION: CALCULUM RECEPTOR-ACTIVE
TITLE OF INVENTION: MOLECULES
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: First Interstate World Center
STREET: Suite 4700
STREET: 633 West Fifth Street
City: Los Angeles
STATE: California
COUNTRY: USA
Zip: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: FASTSEQ
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,588
FILING DATE: 7 June, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: Including application
PRIOR APPLICATION DATA: described below: 9
APPLICATION NUMBER: 08/353,784
FILING DATE: 9 December, 1994
APPLICATION NUMBER: PCT/US/94/12117
FILING DATE: 21 October, 1994
APPLICATION NUMBER: U.S. 08/292,827
FILING DATE: 23 August, 1994
APPLICATION NUMBER: U.S. 08/141,248
FILING DATE: 22 October, 1993
APPLICATION NUMBER: U.S. 08/009,389
FILING DATE: 23 February, 1993
APPLICATION NUMBER: U.S. 08/017,127
FILING DATE: 12 February, 1993
APPLICATION NUMBER: U.S. 07/934,161
FILING DATE: 21 August, 1992
APPLICATION NUMBER: U.S. 07/834,044
FILING DATE: 11 February, 1992
APPLICATION NUMBER: U.S. 07/749,451
FILING DATE: 23 August, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Hebert, Sheldon O.
REGISTRATION NUMBER: 38,179
REFERENCE/DOCKET NUMBER: 213/005
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:

LENGTH: 3809 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
FEATURE:
NAME/KEY: CDS
LOCATION: 373..3606
OTHER INFORMATION:
US-08-485-588-3

Query Match 2.28; Score 40.8; DB 1; Length 3809;
Best Local Similarity 46.2%; Pred. No. 1;
Matches 135; Conservative 0; Mismatches 157; Indels 0; Gaps 0;

QY 329 AACGAGACCTGCTGGGAGACCCAGGATATTCCTTCTGGGGACCCCTGGGCTTCTGCC 388
Db 2516 ACCGCAAGTGGTGGGCTCAACCTGACGATTCCTGCTGGTTTCTCTGACCTTCATGC 2575
QY 389 TCCTGTTGGCTGTGTGTGTAAGCCGACATTCACACCTGTGCTCGGCGCTTCCT 448
Db 2576 AGATGTGATCTGTGTATCTGGCTTACACCGGCCCCCTACAGTACCGACACAGG 2635
QY 449 TTGGGGTTCCTGCTGCCATCTGCTTCTTCTGTGCGGCTCAAGTCTTGGCTCACT 508
Db 2636 AGCTGAGATGAGATCATCTTCATCATGACGACGACGAGGCTCCCTATGCGCTG 2695
QY 509 TCCTGGCCCCGAGAAACACGAGCCCCGGGGCTGGGATCTTACATGTGGCTCTGCTGC 568
Db 2696 TCCTGATCGGCTACACCTGCTGCTGCTGCCATCTGCTTCTTCTTGGCTTCAAGTCCC 2755
QY 569 TGACCCCTGTAGAGGTGATCATCAATACAGAGTGGCTGATCATCACCCCTGT 620
Db 2756 GGAAGCTGCGGAGAACTTCAATGAAGCCAAAGTTATCATCCTTCAGCATGCT 2807

RESULT 13
US-08-484-565-3
Sequence 3, Application US/08484565
Patent No. 5763569
GENERAL INFORMATION:
APPLICANT: Edward M. Brown
APPLICANT: Steven C. Hebert
APPLICANT: James E. Garrett, Jr.
TITLE OF INVENTION: CALCULUM RECEPTOR-ACTIVE
TITLE OF INVENTION: MOLECULES
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: First Interstate World Center
STREET: Suite 4700
STREET: 633 West Fifth Street
City: Los Angeles
STATE: California
COUNTRY: USA
Zip: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: FASTSEQ
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,565
FILING DATE: 7 June, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: Including application
PRIOR APPLICATION DATA: described below: 9
APPLICATION NUMBER: 08/353,784
FILING DATE: 9 December, 1994
APPLICATION NUMBER: PCT/US/94/12117
FILING DATE: 21 October, 1994
APPLICATION NUMBER: U.S. 08/292,827

FILING DATE: 23 August, 1994
APPLICATION NUMBER: U.S. 08/141,248
FILING DATE: 22 October, 1993
APPLICATION NUMBER: U.S. 08/009,389
FILING DATE: 23 February, 1993
APPLICATION NUMBER: U.S. 08/017,127
FILING DATE: 12 February, 1993
APPLICATION NUMBER: U.S. 07/934,161
FILING DATE: 21 August, 1992
APPLICATION NUMBER: U.S. 07/834,044
FILING DATE: 11 February, 1992
APPLICATION NUMBER: U.S. 07/749,451
FILING DATE: 23 August, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Heber, Sheldon O.
REGISTRATION NUMBER: 38,179
REFERENCE/DOCKET NUMBER: 213/006
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 3809 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA to mRNA
FEATURE:
NAME/KEY: CDS
LOCATION: 373..3606
OTHER INFORMATION:
US-08-484-565-3

Query Match 2.2% Score 40.8; DB 1; Length 3809;
Best Local Similarity 46.2%; Pred. No. 1;

Matches 135; Conservative 0; Mismatches 157; Indels 0; Gaps 0;

QY 329 AACGAGCCTGCTGGGAGCCAGGATTTCTTCTTGGGAGCCCTGGGCTTCTCC 388
DB 2516 ACCGAACTGGTGGGGCTCAACCTGCAAGTTCCTGCTGTTCTGCACTTCAAGC 2575
QY 389 TCGTGTTCCTGTGTGTAAGCCGACTTCTCCACTGTGCTGCTGGGCTTCTCT 448
DB 2576 AGATTGTATCTGTGTGATCTGGCTCTACACCGCCGCCCTCAAGCTACGCAACG 2635
QY 449 TTGGGGTCTGTTCGCAATCTCTTCTGTCTGGGGCTACGCTTTGGCCCACT 508
DB 2636 AGCTGGAGATGAGATCACTTCACTACGTCGACGAGGGCTCCCTCAAGGCTGGGCT 2695
QY 509 TCGTGGCCCGAAGAACCGAGCCCGGGGCTGGGTGATCTTCACTGTGGCTTCTGTC 568
DB 2696 TCGTATGAGGCTACACCTGCGCTGGCTGCCATCTGCTTCTTCTTCCCTCAAGTCC 2755
QY 569 TGACCTGTGAGGTCAATCAATACAGAGTGGCTATCATCACTTGGT 620
DB 2756 GGAAGCTCCGGAAGACTTCAATGAAGCAAGTTCATCACTTCAAGCATGCT 2807

RESULT 14
US-08-480-751-3
Sequence 3, Application US/08480751
Patent No. 5858684
GENERAL INFORMATION:
APPLICANT: Edward F. Nemeth
APPLICANT: Edward M. Brown
APPLICANT: Steven C. Hebert
APPLICANT: Forrest H. Fuller
APPLICANT: James E. Garrett, Jr.
TITLE OF INVENTION: CALCIUM RECEPTOR-ACTIVE
TITLE OF INVENTION: MOLECULES
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: First Interstate World Center
STREET: Suite 4700
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: FASTSEQ
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,751
FILING DATE: 7 June, 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below: 9
APPLICATION NUMBER: 08/353,784
FILING DATE: 9 December, 1994
APPLICATION NUMBER: PCT/US/94/12117
FILING DATE: 21 October, 1994
APPLICATION NUMBER: U.S. 08/292,827
FILING DATE: 23 August, 1994
APPLICATION NUMBER: U.S. 08/141,248
FILING DATE: 22 October, 1993
APPLICATION NUMBER: U.S. 08/009,389
FILING DATE: 23 February, 1993
APPLICATION NUMBER: U.S. 08/017,127
FILING DATE: 12 February, 1993
APPLICATION NUMBER: U.S. 07/934,161
FILING DATE: 21 August, 1992
APPLICATION NUMBER: U.S. 07/834,044
FILING DATE: 11 February, 1992
APPLICATION NUMBER: U.S. 07/749,451
FILING DATE: 23 August, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Heber, Sheldon O.
REGISTRATION NUMBER: 38,179
REFERENCE/DOCKET NUMBER: 213/004
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 3809 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA to mRNA
FEATURE:
NAME/KEY: CDS
LOCATION: 373..3606
OTHER INFORMATION:
US-08-480-751-3

Query Match 2.2% Score 40.8; DB 2; Length 3809;
Best Local Similarity 46.2%; Pred. No. 1;

Matches 135; Conservative 0; Mismatches 157; Indels 0; Gaps 0;

QY 329 AACGAGCCTGCTGGGAGCCAGGATTTCTTCTTGGGAGCCCTGGGCTTCTCC 388
DB 2516 ACCGAACTGGTGGGGCTCAACCTGCAAGTTCCTGCTGTTCTGCACTTCAAGC 2575
QY 389 TCGTGTTCCTGTGTGTAAGCCGACTTCTCCACTGTGCTGCTGGGCTTCTCT 448
DB 2576 AGATTGTATCTGTGTGATCTGGCTCTACACCGCCGCCCTCAAGCTACGCAACG 2635
QY 449 TTGGGGTCTGTTCGCAATCTCTTCTGTCTGGGGCTACGCTTTGGCCCACT 508

Db 2636 AGCTGAGAGATGATCATCTTTCATCAGTCCACAGAGGCTCCCTCATGCGCCCTGGGCT 2695
QY 509 TCCTGGCCCGGAGAACACAGGCGCCCGGGCTGGGTGATCTTCACTGTGGCTCTGTGC 568
Db 2696 TCCTGATCGGCTACACCTGCTGCTGCTCCCATCTGCTCTTCTTGGCTTCAAGTCCC 2755
QY 569 TGACCTGCTAGAGCTCATCATATACAGAGTGGCTGATCATCACCCTGCT 620
Db 2756 GGAAGCTGCGGAGAACTTCATGAAGCCAAAGTTCACTTACCTTCAGCATGCT 2807

RESULT 15

US-08-943-986-3
Sequence 3, Application US/08943986
Patent No. 5962314
GENERAL INFORMATION:
APPLICANT: Edward M. Brown
APPLICANT: Steven C. Hebert
APPLICANT: James E. Garrett, Jr.
TITLE OF INVENTION: CALCIUM RECEPTOR-ACTIVE
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: First Interstate World Center
STREET: Suite 4700
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: FASTSEQ
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/943,986
FILING DATE: 03-OCT-1997
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/484,565
FILING DATE: 7-June-1995
APPLICATION NUMBER: 08/353,784
FILING DATE: 9 December, 1994
APPLICATION NUMBER: PCY/US/94/12117
FILING DATE: 21 October, 1994
APPLICATION NUMBER: U.S. 08/292,827
FILING DATE: 23 August, 1994
APPLICATION NUMBER: U.S. 08/141,248
FILING DATE: 22 October, 1993
APPLICATION NUMBER: U.S. 08/009,389
FILING DATE: 23 February, 1993
APPLICATION NUMBER: U.S. 08/017,127
FILING DATE: 12 February, 1993
APPLICATION NUMBER: U.S. 07/934,161
FILING DATE: 21 August, 1992
APPLICATION NUMBER: U.S. 07/834,044
FILING DATE: 11 February, 1992
APPLICATION NUMBER: U.S. 07/749,451
FILING DATE: 23 August, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Hebert, Sheldon O.
REGISTRATION NUMBER: 38,179
REFERENCE/DOCKET NUMBER: 213/006
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 3809 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
FEATURE:
NAME/KEY: CDS
LOCATION: 373..3606
OTHER INFORMATION:
US-08-943-986-3

Query Match 2.2% Score 40.8; DB 2; Length 3809;
Best Local Similarity 46.2%; Pred. No. 1;
Matches 135; Conservative 0; Mismatches 157; Indels 0; Gaps 0;

QY 329 AACGAGCCCTGCTGGGACCCAGATATCTTCTTGGGAGCCCTGGCTTGTGCC 388
Db 2516 ACCGCAAGTGTGGGGCTACACCTGAGTCTCGTGGTTCCTGTGACCTTCATGC 2575
QY 389 TCCTGTTGCTGTGTGTGTAAGCCGACCTTCCACCTGTGCTTGGCGCTTCTCT 448
Db 2576 AGATTGTCATCTGTGTGATCTGCTTACACCGCGCCCTCAAGCTACCGCAACGAG 2635
QY 449 TTGGGTTCTGTTCGCCATCTGCTTCTTGTGCGGGCTCAAGTTCCTCAACT 508
Db 2636 AGCTGAGAGATGATCATCTTTCATCAGTCCACAGAGGCTCCCTCATGCGCT 2695
QY 509 TCCTGGCCCGGAGAACACAGGCGCCCGGGCTGGGTGATCTTCACTGTGGCTGTGC 568
Db 2696 TCCTGATCGGCTACACCTGCTGCTGCTGCCATCTGCTTCTTGGCTTCAAGTCCC 2755
QY 569 TGACCTGCTAGAGCTCATCATATACAGAGTGGCTGATCATCACCCTGCT 620
Db 2756 GGAAGCTGCGGAGAACTTCATGAAGCCAAAGTTCACTTACCTTCAGCATGCT 2807

Search completed: June 26, 2003, 09:56:13
Job time : 125 secs

Db 181 GGCCTCAGACCCCTGACTACAACTGTGTGACCGCTCTGGGGCGTGGGGCAATCGTCTG 240
 QY 241 GAGCGCGTGGCTGGGGCGGGCATTTGTACACAGTTTGTGCTACATCATCTCTGGTGGC 300
 Db 241 GAGCGCGTGGCTGGGGCGGGCATTTGTACACAGTTTGTGCTACATCATCTCTGGTGGC 300
 QY 301 AGCCTCCCTTTGTGTAGAGACACAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360
 Db 301 AGCCTCCCTTTGTGTAGAGACACAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 360
 QY 361 CTTCCTGGGAG 420
 Db 361 CTTCCTGGGAG 420
 QY 421 TCCACCTGTGCTCTGCGGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 480
 Db 421 TCCACCTGTGCTCTGCGGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 480
 QY 481 CTGGGGGCTCAGCT 540
 Db 481 CTGGGGGCTCAGCT 540
 QY 541 TGGGTGATCTACCTGTGCT 600
 Db 541 TGGGTGATCTACCTGTGCT 600
 QY 601 TGGGTGATCTACCTGTGCT 660
 Db 601 TGGGTGATCTACCTGTGCT 660
 QY 661 GAGAGGTGGGGGCTGGGGGCTGGGGGCTGGGGGCTGGGGGCTGGGGGCTGGGGGCTGG 720
 Db 661 GAGAGGTGGGGGCTGGGGGCTGGGGGCTGGGGGCTGGGGGCTGGGGGCTGGGGGCTGG 720
 QY 721 ATCTAGCTATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 780
 Db 721 ATCTAGCTATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 780
 QY 781 GCGTACAGCGCTGGCGTACAGATGGGGTCTTTGTGCTCTCTACACAGACCACTCTCG 840
 Db 781 GCGTACAGCGCTGGCGTACAGATGGGGTCTTTGTGCTCTCTACACAGACCACTCTCG 840
 QY 841 GCGTACAGCGCTGGCGTACAGATGGGGTCTTTGTGCTCTCTACACAGACCACTCTCG 900
 Db 841 GCGTACAGCGCTGGCGTACAGATGGGGTCTTTGTGCTCTCTACACAGACCACTCTCG 900
 QY 901 ACCTGGAGTACCGACGCTGGCGTACAGATGGGGTCTTTGTGCTCTCTACACAGACCA 960
 Db 901 ACCTGGAGTACCGACGCTGGCGTACAGATGGGGTCTTTGTGCTCTCTACACAGACCA 960
 QY 961 TTTCTAGCTATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1020
 Db 961 TTTCTAGCTATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1020
 QY 1021 GGGGAGATGTACCGACGCTGGCGTACAGATGGGGTCTTTGTGCTCTCTACACAGACCA 1080
 Db 1021 GGGGAGATGTACCGACGCTGGCGTACAGATGGGGTCTTTGTGCTCTCTACACAGACCA 1080
 QY 1081 CAGACATGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1140
 Db 1081 CAGACATGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1140
 QY 1141 CCGGTGTACCATACAGCGGGTACAAATGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
 Db 1141 CCGGTGTACCATACAGCGGGTACAAATGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1200
 QY 1201 GAGATGGGCTGTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1260
 Db 1201 GAGATGGGCTGTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1260
 QY 1261 GCGACCGGCAACAGCGAGGTGATGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1320
 Db 1261 GCGACCGGCAACAGCGAGGTGATGGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1320

QY 1321 TACTGGCCAGAGCCAGGCGGCGCACACCGCCGAAAGAGAGAGAGAGAGAGAGAGAG 1380
 Db 1321 TACTGGCCAGAGCCAGGCGGCGCACACCGCCGAAAGAGAGAGAGAGAGAGAGAGAG 1380
 QY 1381 TTTAGAAACCCCTAGCTGTGGAGTGTAGTGTAGTGTAGTGTAGTGTAGTGTAGTGTAG 1440
 Db 1381 TTTAGAAACCCCTAGCTGTGGAGTGTAGTGTAGTGTAGTGTAGTGTAGTGTAGTGTAG 1440
 QY 1441 GGGAGGGCCCTAGAGAGCTGGGCGGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1500
 Db 1441 GGGAGGGCCCTAGAGAGCTGGGCGGCGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1500
 QY 1501 CAGGCCAGCAACATGTGCGCCAGATGTGGAAGGCGTCTCTCTCTCTCTCTCTCTCTCT 1560
 Db 1501 CAGGCCAGCAACATGTGCGCCAGATGTGGAAGGCGTCTCTCTCTCTCTCTCTCTCTCT 1560
 QY 1561 GGGTGTATGGGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1620
 Db 1561 GGGTGTATGGGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1620
 QY 1621 GCGTCTGCGAGATCACCTGCGGGGTGCACTCCAGCCAAATAGTGTCTCGGGGTGGT 1680
 Db 1621 GCGTCTGCGAGATCACCTGCGGGGTGCACTCCAGCCAAATAGTGTCTCGGGGTGGT 1680
 QY 1681 GCGTGGGAGCGGCTATGTTCTCTGAGATTTCTGCAACCTCAAGAGACTTCCAGGCG 1740
 Db 1681 GCGTGGGAGCGGCTATGTTCTCTGAGATTTCTGCAACCTCAAGAGACTTCCAGGCG 1740
 QY 1741 CTGAGCGCTGATCTTCT 1800
 Db 1741 CTGAGCGCTGATCTTCT 1800
 QY 1801 TTTATTAACCTTTAAAAA 1819
 Db 1801 TTTATTAACCTTTAAAAA 1819

RESULT 2
 US-09-871-874-4
 ; Sequence 4, Application us/09871874
 ; Patent No. US20020081655A1
 ; GENERAL INFORMATION:
 ; APPLICANT: SAVITZKY, Rinoret
 ; APPLICANT: TOPOIRK, Amir
 ; APPLICANT: MINTZ, Ilat
 ; TITLE OF INVENTION: Splice Variant of mglur
 ; FILE REFERENCE: 2786-0176P
 ; CURRENT FILING DATE: 2001-09-04
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 4
 ; LENGTH: 2314
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-871-874-4

Query Match 98.7%; Score 1794.8; DB 10; Length 2314;
 Best Local Similarity 99.9%; Pred. No. 0;
 Matches 1796; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 11 COTACACGCGGAAATGACAGTGTGCTGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 70
 Db 514 COTACACGCGGAAATGACAGTGTGCTGAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 573
 QY 71 TGGAGCCAGATGGCCATTCACAAAGCTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 130
 Db 574 TGGAGCCAGATGGCCATTCACAAAGCTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 633
 QY 131 TGTTCACAGGGGCGTGGGCGGAGGCGATGTCCACCGGCGTGCAGGCAAGAGAGAGAG 190
 Db 634 TGTTCACAGGGGCGTGGGCGGAGGCGATGTCCACCGGCGTGCAGGCAAGAGAGAGAG 693

OY	191	CCCGTACTAACAACCTGTGTAAACCGCTCTGGGGCGTGGGGCATATGCTCTGGAGGCCCTGG	250
Db	694	CCCGTACTAACAACCTGTGTAAACCGCTCTGGGGCGTGGGGCATATGCTCTGGAGGCCCTGG	753
OY	251	CTGGGGCGGGCATTTGTACACAGCTTTTGGCTCACCATATCTGGTGGCCAGCCCTCCCT	310
Db	754	CTGGGGCGGGCATTTGTACACAGCTTTTGGCTCACCATATCTGGTGGCCAGCCCTCCCT	813
OY	311	TTTGTGCAGGACACCAAGAAACGGAGACCTGTCTGGGGACCCAGGTATTTCTTCTTGGGGGA	370
Db	814	TTTGTGCAGGACACCAAGAAACGGAGACCTGTCTGGGGACCCAGGTATTTCTTCTTGGGGGA	873
OY	371	CCCTGGGGCCTTTTGCCTCGTGTGTTTGGCTGTGTGGTGTAAACCCGAGCTTCTCCACCTGTG	430
Db	874	CCCTGGGGCCTTTTGCCTCGTGTGTTTGGCTGTGTGGTGTAAACCCGAGTTTCTTCTCCACTGTG	933
OY	431	CCCTCGGGCGCTTCTTGTGGGGTTCTTGTGGCCATCTGCTTCTTGTGTGGCGCTC	490
Db	934	CCCTCGGGCGCTTCTTGTGGGGTTCTTGTGGCCATCTGCTTCTTGTGTGGCGCGTC	993
OY	491	ACGCTTTTGGCCCTCAACTTCTTGGCCGGGAAGAACACAGGGCCCCGGGGCGGGGTGACT	550
Db	994	ACGCTTTTGGCCCTCAACTTCTTGGCCGGGAAGAACACAGGGCCCCGGGGCGGGGTGACT	1055
OY	551	TCACGTGTGGCTCTGTGCTGTGACCCCTGTGTAGAGGTTCATCATATTAACAAGTGGCTGATCA	610
Db	1054	TCACGTGTGGCTCTGTGCTGTGACCCCTGTGTAGAGGTTCATCATATTAACAAGTGGCTGATCA	1113
OY	611	TCACCCCTGTGTTCGGGGGAGTGGCCGAGGGCGGCCCTTCAGGGGCACAGCAGCCAGGCTGGG	670
Db	1114	TCACCCCTGTGTGTGGGGGAGTGGCCGAGGGCGGCCCTTCAGGGGCACAGCAGCCAGGCTGGG	1173
OY	671	CCGTGTGGCTCCCGCTGTGTGCATCGCCACATGAGACTTGTGTATGGACATCTCACTCAAGCA	730
Db	1174	CCGTGTGGCTCCCGCTGTGTGCATCGCCACATGAGACTTGTGTATGGACATCTCACTCAAGCA	1233
OY	731	TGCTGTCTGTCTCTGGGTGCTTCTCTGGGGGCGTGGCCCGCTGTGTGGCCGCTACAAAGC	790
Db	1234	TGCTGTCTGTCTCTGGGTGCTTCTCTGGGGGCGTGGCCCGCTGTGTGGCCGCTACAAAGC	1293
OY	791	GCTGGCCGTAAACATAGGGGGTCTTTTGGTGCCTCAACACAGCCACCTCGTTGCCATATGAG	850
Db	1294	GCTGGCCGTAAACATAGGGGGTCTTTTGGTGCCTCAACACAGCCACCTCGTTGCCATATGAG	1355
OY	851	TGCTGTGGATCGTATGTATCTTAAACGGCAACAGCAGACAGTCCCACTCTGGGATG	910
Db	1354	TGCTGTGGATCGTATGTATCTTAAACGGCAACAGCAGACAGTCCCACTCTGGGATG	1413
OY	911	ACCCACGCTGGCCATTCGCCCTCCGCCGCATATGCTTGGGGCCTTGGTCTCTTTTACGTCA	970
Db	1414	ACCCACGCTGGCCATTCGCCCTCCGCCGCATATGCTTGGGGCCTTGGTCTCTTTTACGTCA	1473
OY	971	TCGCCGAGGTCTCCAGGTGTGACCAAGTCCACCCAGACCAAGCTTACAGGGGGGACATGT	1030
Db	1474	TCGCCGAGGTCTCCAGGTGTGACCAAGTCCACCCAGACCAAGCTTACAGGGGGGACATGT	1533
OY	1031	ACCCACCCCGGGGGCGGTATGAGACCATCTTGAAGACAGAAAGGGTCAGAGCATGT	1090
Db	1534	ACCCACCCCGGGGGCGGTATGAGACCATCTTGAAGACAGAAAGGGTCAGAGCATGT	1593
OY	1091	TCGTGTGAACAAAGGCCCTTTCCATGTAGTAGGCGGTGTGACGTAAAGGCGCGGTGTAC	1155
Db	1594	TCGTGTGAACAAAGGCCCTTTTCATGTAGTAGGCGGTGTGACGTAAAGGCGCGGTGTAC	1655
OY	1151	CATACAGGGGTACATATGGGACGTGCTGACCAAGTGTATACAGCCCACTGAGATGGGCC	1210
Db	1654	CATACAGGGGTACATATGGGACGTGCTGACCAAGTGTATACAGCCCACTGAGATGGGCC	1713
OY	1211	TGATGTCAAAAGTTCGGTCCGAAAGAGCTTAAAGATATATCTCCACAGGGGCCACCGGCA	1270
Db	1714	TGATGTCAAAAGTTCGGTCCGAAAGAGCTTAAAGATATATCTCCACAGGGGCCACCGGCA	1773

OY	1271	ACAGCAGATGATGGGACGATGCCAACTGACACCCGCGGGGCGAAGACATGATACCGGCC	1330
Db	1774	ACAGCCAGGTATATGGCAGTGCCTCCAACTGACCTGCGGGCTGAAGACATGTACTCGGCC	1833
OY	1331	AGAGCCACCAAGCGGGCCACACCGCCGGAAGAAGCGGCAAGAACTCTCAGGTCTTTAGAAAC	1390
Db	1834	AGAGCCACCAAGCGGGCCACACCGCCGGAAGAAGCGGCAAGAACTCTCAGGTCTTTAGAAAC	1893
OY	1391	CCTACGTGTGGACATGAGTCAGCGGTGGCGAGAGAGCGGTGGGATTTGGGGAGGGCCC	1450
Db	1894	CCTACGTGTGGACATGAGTCAGCGGTGGCGAGAGAGCGGTGGGATTTGGGGAGGGCCC	1953
OY	1451	TGAGGACCTGGCCCCCGGGCAAGGAGACTCTCCAGGCTCCTCCTCCCGCTGGAGGCCCCAGC	1510
Db	1954	TGAGGACCTGGCCCCCGGGCAAGGAGACTCTCCAGGCTCCTCCTCCCGCTGGAGGCCCCAGC	2013
OY	1511	AACATGTGCCCAATGTGGAAGGGCCCTCCTCTGCGCAGTGTGTTGGGTGGGTGCATG	1570
Db	2014	AACATGTGCCCAATGTGGAAGGGCCCTCCTCTGCGCAGTGTGTTGGGTGGGTGCATG	2073
OY	1571	GGTGTCCCAACCACTCCTCAGTGTGTTGTGGAGTCGAGAGCCCAACCCAGCCCTCTGCC	1630
Db	2074	GGTGTCCCAACCACTCCTCAGTGTGTTGTGGAGTCGAGAGCCCAACCCAGCCCTCTGCC	2133
OY	1631	AGGATCACTGGGGGTGCACACTCCAGCCAAATAGTGTCTCCGGGTGGTGGCTGGGCGAG	1690
Db	2134	AGGATCACTGGGGGTGCACACTCCAGCCAAATAGTGTCTCCGGGTGGTGGCTGGGCGAG	2193
OY	1691	CGCCTATGTTCTCTGAGAGATTCTGCAACCTCAAGAGACTTCCAGGCGCTCAGGGCCTG	1750
Db	2194	CGCCTATGTTCTCTGAGAGATTCTGCAACCTCAAGAGACTTCCAGGCGCTCAGGGCCTG	2253
OY	1751	GATCTGTGCTCTGTGAGGAACAAGGTGGCTAATTAATCAATTTCTGCTTTATTA	1808
Db	2254	GATCTGTGCTCTGTGAGGAACAAGGTGGCTAATTAATCAATTTCTGCTTTATTA	2311

RESULT 3
US-10-097-065-22
Sequence 22, Application US/10097065
Publication No. US2003005236A1
GENERAL INFORMATION:
APPLICANT: Moore, Paul A. et al.
TITLE OF INVENTION: 110 Human Secreted Proteins
FILE REFERENCE: P2021p1
CURRENT APPLICATION NUMBER: US/10/097, 065
CURRENT FILING DATE: 2003-03-14
PRIOR APPLICATION NUMBER: PCT/US98/27059
PRIOR FILING DATE: 1998-12-17
PRIOR APPLICATION NUMBER: 60/070, 923
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068, 007
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068, 057
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068, 006
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068, 369
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/068, 367
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/068, 368
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/068, 169
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/068, 053
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068, 064
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068, 054
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068, 008
PRIOR FILING DATE: 1997-12-18

PRIOR APPLICATION NUMBER: 60/068,365
PRIOR FILING DATE: 1997-12-19
NUMBER OF SEQ ID NOS: 672
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 22
LENGTH: 1860
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (1846)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: SITE
LOCATION: (1848)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: SITE
LOCATION: (1853)
OTHER INFORMATION: n equals a,t,g, or c
US-10-097-065-22

Query Match 98.2%; Score 1786.4; DB 9; Length 1860;
Best Local Similarity 99.4%; Pred. No. 0;
Matches 1798; Conservative 4; Mismatches 5; Indels 1; Gaps 1;

12 CTCACACGCGGAAATAGAGTCCGCTACGCTGAGAGGACCCAAACGAGCCTGACCT 71
1 CTCACACGAGGAAATAGAGTCCGCTACGCTGAGAGGACCCAAACGAGCCTGACCT 60
72 GGGAGCAGAGATGCGCATCCACAAAGCCTTGATGTCCTGAGGACTGCTCTCTCT 131
61 GGGAGCAGATGCGCATCCACAAAGCCTTGATGTCCTGAGGACTGCTCTCTCTCT 120
132 GTTCCAGAGGCGCTGGGCGCCAGGCGCATGTCCACCGGCTGACGCAAGGCGCTCAACC 191
121 GTTCCAGAGGCGCTGGGCGCCAGGCGCATGTCCACCGGCTGACGCAAGGCGCTCAACC 180
192 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATGTCCAGGCGGCTGAGC 251
181 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATGTCCAGGCGGCTGAGC 240
252 TGGGCGGCGCATGTGTGACCGCTGTGTGTCACCATCATCTGTGTGCGGCGCTCCCT 311
241 TGGGCGGCGCATGTGTGACCGCTGTGTGTCACCATCATCTGTGTGCGGCGCTCCCT 300
312 TGTGACAGACACCAAGAAAGGAGCGCTGTGTGCGGCGCATCATCTGTGTGCGGCGC 371
301 TGTGACAGACACCAAGAAAGGAGCGCTGTGTGCGGCGCATCATCTGTGTGCGGCGC 360
372 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATGTCCAGGCGGCTGAGC 431
361 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATGTCCAGGCGGCTGAGC 420
432 GTTCCAGAGGCGCTGGGCGCCAGGCGCATGTCCACCGGCTGACGCAAGGCGCTCA 491
421 GTTCCAGAGGCGCTGGGCGCCAGGCGCATGTCCACCGGCTGACGCAAGGCGCTCA 480
492 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATCATCTGTGTGCGGCGC 551
481 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATCATCTGTGTGCGGCGC 540
552 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATCATCTGTGTGCGGCGC 611
541 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATCATCTGTGTGCGGCGC 600
612 CACCTGAGTTCGAGGAGAGTGGGCGGCGCTGACGAGGCAACAGAGGCGAGGCTGGGC 671
601 CACCTGAGTTCGAGGAGAGTGGGCGGCGCTGACGAGGCAACAGAGGCGAGGCTGGGC 660
672 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATCATCTGTGTGCGGCGC 731
661 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATCATCTGTGTGCGGCGC 720
732 GGTGAGTTCGAGGAGAGTGGGCGGCGCTGACGAGGCAACAGAGGCGAGGCTGGGC 791

721 GGTGAGTTCGAGGAGAGTGGGCGGCGCTGACGAGGCAACAGAGGCGAGGCTGGGC 780
792 GTGAGTTCGAGGAGAGTGGGCGGCGCTGACGAGGCAACAGAGGCGAGGCTGGGC 851
781 GTGAGTTCGAGGAGAGTGGGCGGCGCTGACGAGGCAACAGAGGCGAGGCTGGGC 840
852 GGTGAGTTCGAGGAGAGTGGGCGGCGCTGACGAGGCAACAGAGGCGAGGCTGGGC 911
841 GGTGAGTTCGAGGAGAGTGGGCGGCGCTGACGAGGCAACAGAGGCGAGGCTGGGC 900
912 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATCATCTGTGTGCGGCGC 971
901 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATCATCTGTGTGCGGCGC 960
972 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATCATCTGTGTGCGGCGC 1031
961 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATCATCTGTGTGCGGCGC 1020
1032 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATCATCTGTGTGCGGCGC 1091
1021 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATCATCTGTGTGCGGCGC 1080
1092 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATCATCTGTGTGCGGCGC 1151
1081 CCGTACTACAACCTGTGTGACCGCTGTGGGCGTGGGCGCATCATCTGTGTGCGGCGC 1140
1152 ATACAGCGGATCAATGAGGAGAGTGGGCGGCGCTGACGAGGCAACAGAGGCGAGGCT 1211
1141 ATACAGCGGATCAATGAGGAGAGTGGGCGGCGCTGACGAGGCAACAGAGGCGAGGCT 1200
1212 GATGACAAAGTTCGCTCGAAGAGTTCGATGACATCTCTCCACGCGGCGACCGCAA 1271
1201 GATGACAAAGTTCGCTCGAAGAGTTCGATGACATCTCTCCACGCGGCGACCGCAA 1259
1272 CAGCAGGAGTGGGCGATGAGGCGATGAGGCGATGAGGCGATGAGGCGATGAGGCGAT 1331
1260 CAGCAGGAGTGGGCGATGAGGCGATGAGGCGATGAGGCGATGAGGCGATGAGGCGAT 1319
1332 GAGCAGGAGTGGGCGATGAGGCGATGAGGCGATGAGGCGATGAGGCGATGAGGCGAT 1391
1320 GAGCAGGAGTGGGCGATGAGGCGATGAGGCGATGAGGCGATGAGGCGATGAGGCGAT 1379
1392 GTACGTGAGGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTC 1451
1380 GTACGTGAGGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTC 1439
1452 GAGCAGGAGTGGGCGATGAGGCGATGAGGCGATGAGGCGATGAGGCGATGAGGCGAT 1511
1440 GAGCAGGAGTGGGCGATGAGGCGATGAGGCGATGAGGCGATGAGGCGATGAGGCGAT 1499
1512 ACATGAGGCGATGAGGAGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATGAGG 1571
1500 ACATGAGGCGATGAGGAGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATGAGG 1559
1572 GTGAGGCGATGAGGAGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATGAGG 1631
1560 GTGAGGCGATGAGGAGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATGAGG 1619
1632 GATGAGGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATG 1691
1620 GATGAGGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATG 1679
1692 GATGAGGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATG 1751
1680 GATGAGGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATG 1739
1752 ATCTGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATG 1811
1740 ATCTGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATGAGGAGAGTTCGATG 1799
1812 TTAAGAG 1819
|||||

Db 1800 AAAAAA 1807

RESULT 4
US-10-037-270-897
Publication 897, Application US/10037270
Publication No. US20030104529A1
GENERAL INFORMATION:
APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
APPLICANT: Ren, Feiyun
APPLICANT: Chen, Rui-hong
APPLICANT: Zhao, Qing A.
APPLICANT: Wehrman, Tom
APPLICANT: Xue, Aidong J.
APPLICANT: Yang, Yonghong
APPLICANT: Wang, Jian-Rui
APPLICANT: Zhou, Ping
APPLICANT: Ma, Yungqing
APPLICANT: Wang, Dunrui
APPLICANT: Wang, Zhiwei
APPLICANT: Tillinghast, John
APPLICANT: Dimanic, Radoje T.
TITLE OF INVENTION: No. US20030104529A1el Nucleic Acids and
FILE REFERENCE: 784CIP2B
CURRENT APPLICATION NUMBER: US/10/037, 270
PRIOR FILING DATE: 2002-01-04
PRIOR APPLICATION NUMBER: 09/552,317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488,725
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1104
SOFTWARE: pt_FL_genes Version 1.0
SEQ ID NO 887
LENGTH: 1880
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (138)..(1463)
US-10-037-270-897

Query Match 98.1%; Score 1785; DB 9; Length 1880;
Best Local Similarity 99.7%; Pred. No. 0;
Matches 1788; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 27 GTACGAGTCGGCTCAGCCTGAGGAGCCCAACCAAGAGCTGGGCTGGAGCCAGATGGC 86
Db 83 GTACGAGTCGGCTCAGCCTGAGGAGCCCAACCAAGAGCTGGGCTGGAGCCAGATGGC 142
QY 87 CATCCCAAAAGCCTTGATGATGCTGGAGACCTGCTCTCTCTCTCTCTCTCTCTCTCTCT 146
Db 143 CATCCCAAAAGCCTTGATGATGCTGGAGACCTGCTCTCTCTCTCTCTCTCTCTCTCTCT 202
QY 147 GGGCCAGAGGCGATGTCCACCGGCTGACAGCAAGAGCTCAACCCCTGTACTCAACT 206
Db 203 GGGCCAGAGGCGATGTCCACCGGCTGACAGCAAGAGCTCAACCCCTGTACTCAACT 262
QY 207 GTGTGACCGCTGTGGGCGGTGGGCGATGCTCTGGAGCGGTGGGCGGTGGGCGGTGGG 266
Db 263 GTGTGACCGCTGTGGGCGGTGGGCGATGCTCTGGAGCGGTGGGCGGTGGGCGGTGGG 322
QY 267 CACACGCTTGTGCTACATCATCTGTGGGCGAGGCTCCCTTTGTGGAGGACACAA 326
Db 323 CACACGCTTGTGCTACATCATCTGTGGGCGAGGCTCCCTTTGTGGAGGACACAA 382
QY 327 GAAACGAGCGCTGTGGGAGCCAGGATATCTCTCTCTCTCTCTCTCTCTCTCTCTCT 386
Db 383 GAAACGAGCGCTGTGGGAGCCAGGATATCTCTCTCTCTCTCTCTCTCTCTCTCTCT 442

QY 387 CTTGCTGTTGCTGTGTGTAAGCCGACCTTCTCCACCTGTGCTCTCTGCGGCTCTCT 446
Db 443 CTTGCTGTTGCTGTGTGTAAGCCGACCTTCTCCACCTGTGCTCTCTGCGGCTCTCT 502
QY 447 CTTTGGGGTCTGTGTGCGCATCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 506
Db 503 CTTTGGGGTCTGTGTGCGCATCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 562
QY 507 CTTTCTGGCCGGAAGAACACAGGGCCCGGGGCTGGGCTGATCTTCACTGTGCTGCT 566
Db 563 CTTTCTGGCCGGAAGAACACAGGGCCCGGGGCTGGGCTGATCTTCACTGTGCTGCT 622
QY 567 GCTGACCTGTGAGAGGTATCATCAATACAGAGTGGCTGATCATCACTGGTGGGG 626
Db 623 GCTGACCTGTGAGAGGTATCATCAATACAGAGTGGCTGATCATCACTGGTGGGG 682
QY 627 CAGTGGAGAGGGGGCCCTTACAGGCAACAGAGGCGAGGCTGGGCGGTGGCTCCCTG 686
Db 683 CAGTGGAGAGGGGGCCCTTACAGGCAACAGAGGCGAGGCTGGGCGGTGGCTCCCTG 742
QY 687 TGCATGCGCAACATGAGCTTTGATGAGCATCATCTACGTCATGCTGCTGCTGGG 746
Db 743 TGCATGCGCAACATGAGCTTTGATGAGCATCATCTACGTCATGCTGCTGCTGGG 802
QY 747 TGCCTTCTGGGGGCTGGCCCGCTGTGTGGCCGCTACAGCGCTGGCGTAAAGCATGG 806
Db 803 TGCCTTCTGGGGGCTGGCCCGCTGTGTGGCCGCTACAGCGCTGGCGTAAAGCATGG 862
QY 807 GGTCTTGTGCTCTCTCTACACAGCAGCAGCTCCGTTGCTGATGATGATGATGATGAT 866
Db 863 GGTCTTGTGCTCTCTCTACACAGCAGCAGCTCCGTTGCTGATGATGATGATGATGAT 922
QY 867 GTACTTAAAGGCAACAGAGCAGACAGATCCACCTGGAGATGACCCAGCTGGGCTAT 926
Db 923 GTACTTAAAGGCAACAGAGCAGACAGATCCACCTGGAGATGACCCAGCTGGGCTAT 982
QY 927 CGCCCTGCGCCCAATGCTGGGCTGTGCTCTCTCTCTCTCTCTCTCTCTCTCTCT 986
Db 983 CGCCCTGCGCCCAATGCTGGGCTGTGCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1042
QY 987 GGTGACCAATGCAAGCCCAAGCAAGCAAGCTACAGGGGAGATGATACCCAGCCGGGCT 1046
Db 1043 GGTGACCAATGCAAGCCCAAGCAAGCAAGCTACAGGGGAGATGATACCCAGCCGGGCT 1102
QY 1047 GGGCTATGAGACATCTCTGAAGAGCAGAGGCTCAGAGCATGTTCTGGAGAAAGGC 1106
Db 1103 GGGCTATGAGACATCTCTGAAGAGCAGAGGCTCAGAGCATGTTCTGGAGAAAGGC 1162
QY 1107 CTTTTCATGATGAGCGGCTTGCAGCTAAAGAGCGGTGTCACCATACAGCGGTACAA 1166
Db 1163 CTTTTCATGATGAGCGGCTTGCAGCTAAAGAGCGGTGTCACCATACAGCGGTACAA 1222
QY 1167 TGGGACGCTGTGACAGTGTGTACAGCCCACTGAGATGAGCCCTGTATGCAAAAGTTC 1226
Db 1223 TGGGACGCTGTGACAGTGTGTGTACAGCCCACTGAGATGAGCCCTGTATGCAAAAGTTC 1282
QY 1227 GTCCGAGGAGCTTACAGATCATCTCTCCACGGGCGCACCGCAACAGCGAGTGTATGG 1286
Db 1283 GTCCGAGGAGCTTACAGATCATCTCTCCACGGGCGCACCGCAACAGCGAGTGTATGG 1342
QY 1287 CAGTGCACACTGCACCTGCGGGCTGAAGACATGATCTGGCCAGAGCCACAGCGGCG 1346
Db 1343 CAGTGCACACTGCACCTGCGGGCTGAAGACATGATCTGGCCAGAGCCACAGCGGCG 1402
QY 1347 CACACGCGCGAAGAGAGGCAAGAACTCGAGTTTAAAGAACCCCTACGAGTGGGACTG 1406
Db 1403 CACACGCGCGAAGAGAGGCAAGAACTCGAGTTTAAAGAACCCCTACGAGTGGGACTG 1462
QY 1407 AGTCAGGCTGTGGCAGAGAGAGCGGTGGAATTTGGGAGAGGCGCTGAAGACTGTGCCCG 1466
Db 1463 AGTCAGGCTGTGGCAGAGAGAGCGGTGGAATTTGGGAGAGGCGCTGAAGACTGTGCCCG 1522
QY 1467 GGCAGAGGACTCTCAGGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1526

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Db      1523 GGAAGGAGACTCCAGGCTCCCTCCCTGGAGGCCAGCAACATGTGCCAGAT 1582
OY      1527 GTGGAAGGCTCCCTCTGCGCAGATGTTGGGTGGGTGTCATGGGTGTCGCCACCAT 1586
Db      1583 GTGGAAGGCTCCCTCTGCGCAGATGTTGGGTGGGTGTCATGGGTGTCGCCACCAT 1642
OY      1587 CCTCACTGTTGTGAGTGGAGAGGCCAACCCAGCCTCTGTCAGAGATCACCTGAGCG 1646
Db      1643 CCTCACTGTTGTGAGTGGAGAGGCCAACCCAGCCTCTGTCAGAGATCACCTGAGCG 1702
OY      1647 TCACACTCCAGCCAAATATGTCTCTGAGGAGTGGGTGGGTGGGTGGGTGGGTGGGT 1706
Db      1703 TCACACTCCAGCCAAATATGTCTCTGAGGAGTGGGTGGGTGGGTGGGTGGGTGGGT 1762
OY      1707 GAGATTCCTGCAACCTCAAGAGACTCCAGGCGCTCAAGGCTGATCTTGGCTCTGCT 1766
Db      1763 GAGATTCCTGCAACCTCAAGAGACTCCAGGCGCTCAAGGCTGATCTTGGCTCTGCT 1822
OY      1767 GAGGAACAAGGCTGCTTAATTAATACATTCTGCTTATTAACCTTAAAAA 1819
Db      1823 GAGGAACAAGGCTGCTTAATTAATACATTCTGCTTATTAACCTTAAAAA 1875

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RESULT 5
US-09-812-102-19/c
; Sequence 19, Application US/09812102
; Patent No. US20020055179A1
; GENERAL INFORMATION:
; APPLICANT: Robison, Keith E
; TITLE OF INVENTION: No. US20020055179A1el G-Protein Coupled Receptor Homologs
; FILE REFERENCE: 5800-41 035800/183478
; CURRENT APPLICATION NUMBER: US/09/812,102
; PRIOR FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: PRIOR APPLICATION NUMBER: US/09/364,769
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 19
; LENGTH: 2089
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: GPCR-METABOTROPIC
; NAME/KEY: misc_feature
; LOCATION: (1)..(2089)
; OTHER INFORMATION: n - a, t, c, or g
US-09-812-102-19

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Query Match 97.3%; Score 1769; DB 10; Length 2089;

Best Local Similarity 99.6%; Pred. No. 0;

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Matches 1805; Conservative 0; Mismatches 5; Indels 3; Gaps 3;
OY      10 CCCTCAGCAGCCGGAAGATGAGATCGGCTCAGCCTGGAGGAGCCCAACCAAGGCTGGC 69
Db      1820 CCCTCAGCAGCCGGAAGATGAGATCGGCTCAGCCTGGAGGAGCCCAACCAAGGCTGGC 1761
OY      70 CTGGGAGCCAGATGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAGAT 129
Db      1760 CTGGGAGCCAGATGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAGATGAGAT 1701
OY      130 CTGTTCCAGGGGCTGGGGCCAGGGCCATGTCACACCCGGCTGACAGCCAGGCTCAAC 189
Db      1700 CTGTTCCAGGGGCTGGGGCCAGGGCCATGTCACACCCGGCTGACAGCCAGGCTCAAC 1641
OY      190 CCCCTGTACTACACTGTGTGACGCTGTGGGGGTGGGGCATGTCTCTGAGAGCCGTG 249
Db      1640 CCCCTGTACTACACTGTGTGACGCTGTGGGGGTGGGGCATGTCTCTGAGAGCCGTG 1581
OY      250 GCTGGGGGCGGAGATGTCACACGTTTGTGCTCACATCATCTGTTGGGCGAGCCCTCCC 309
Db      1580 GCTGGGGGCGGAGATGTCACACGTTTGTGCTCACATCATCTGTTGGGCGAGCCCTCCC 1521

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OY      310 TTTGTGACAGACCAAGAAAGAGAGCTGTGGGGACCAAGATATCTTCTTGGGG 369
Db      1520 TTTGTGACAGACCAAGAAAGAGAGAGCTGTGGGGACCAAGATATCTTCTTGGGG 1461
OY      370 ACCCTGGGCTTTTGTGCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 429
Db      1460 ACCCTGGGCTTTTGTGCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1401
OY      430 GCTCTCGGCGCTCTCTGTTGGGGTTCGTTGGGCAATCTGTTCTGTTGCTGGCGCT 489
Db      1400 GCTCTCGGCGCTCTCTGTTGGGGTTCGTTGGGCAATCTGTTCTGTTGCTGGCGCT 1341
OY      490 CACGCTTTTGGCCCTCACTCTCTGCGCCGGAAGAACCAAGGCGCCGGGGGTGGGTGATC 549
Db      1340 CACGCTTTTGGCCCTCACTCTCTGCGCCGGAAGAACCAAGGCGCCGGGGGTGGGTGATC 1281
OY      550 TTTCACTGTGGCTCTGCTGTGACCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 609
Db      1280 TTTCACTGTGGCTCTGCTGTGACCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1221
OY      610 ATCACCCTGTGTCGGGGAGTGGCGAGGGCGGCTCAAGGCGCAAGAGCGCAGGCTG 669
Db      1220 ATCACCCTGTGTCGGGGAGTGGCGAGGGCGGCTCAAGGCGCAAGAGCGCAGGCTG 1161
OY      670 GCGTGGGCTCCCTCTGTGTCATGCGCAATGAGATGATGATGATGATGATGATGATGATG 729
Db      1160 GCGTGGGCTCCCTCTGTGTCATGCGCAATGAGATGATGATGATGATGATGATGATGATG 1101
OY      730 ATGCGTGTGCTGTGGGTGCTCTGCGGCGGCTGCGGCGGCTGCGGCGGCTGCGGCGG 789
Db      1100 ATGCGTGTGCTGTGGGTGCTCTGCGGCGGCTGCGGCGGCTGCGGCGGCTGCGGCGG 1041
OY      790 GCGTGGGCTGTGAGCATGAGGCTGTTGTGCTCTCAACAGAGCAGC -TCCGTTGCCATG 848
Db      1040 GCGTGGGCTGTGAGCATGAGGCTGTTGTGCTCTCAACAGAGCAGC -TCCGTTGCCATG 981
OY      849 GGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 908
Db      980 GGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 921
OY      909 TGACCCAGGCTGCGCATGATGATGATGATGATGATGATGATGATGATGATGATGATG 968
Db      920 TGACCCAGGCTGCGCATGATGATGATGATGATGATGATGATGATGATGATGATGATG 861
OY      969 CATCCCGAGGTCTCCAGAGTGTGACCAAGTGTGACCAAGTGTGACCAAGTGTGACCAAG 1028
Db      860 CATCCCGAGGTCTCCAGAGTGTGACCAAGTGTGACCAAGTGTGACCAAGTGTGACCAAG 801
OY      1029 GTACCCAGGCTGCGCATGATGATGATGATGATGATGATGATGATGATGATGATG 1087
Db      800 GTACCCAGGCTGCGCATGATGATGATGATGATGATGATGATGATGATGATGATG 741
OY      1088 TGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1147
Db      740 TGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 681
OY      1148 CACCATYACAGCGGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1207
Db      680 CACCATYACAGCGGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 621
OY      1208 CCTGTATGCAAAAGTTCCTGTCGAGAGAGCTTACGATCATCTCTCCAGGGGCGCAG 1267
Db      620 CCTGTATGCAAAAGTTCCTGTCGAGAGAGCTTACGATCATCTCTCCAGGGGCGCAG 561
OY      1268 CCAACAGCAGGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1327
Db      560 CCAACAGCAGGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 501
OY      1328 CCAACAGCAGGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1386
Db      500 CCAACAGCAGGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 441
OY      1387 AACCCCTACGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1446

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Db 440 AACCCCTACGTGGTGGAGTGTAGGCGGTGCGAGAGAGCGGTGGATTGGGGAGG 381
 Oy 1447 GCCCTGAGGACCTGGCCCGGGGCAAGGAGCTCTCAGAGCTCTCCTCCCTGGCAGGCC 1506
 Db 380 GCCCTGAGGACCTGGCCCGGGGCAAGGAGCTCTCAGAGCTCTCCTCCCTGGCAGGCC 321
 Oy 1507 CAGCAACATGTGCCCCAGATGTGAGAGGCGCTCCCTCTGCGCAGTGTGGTGGTGTGT 1566
 Db 320 CAGCAACATGTGCCCCAGATGTGAGAGGCGCTCCCTCTGCGCAGTGTGGTGGTGTGT 261
 Oy 1567 CATGGGTGTGCCCCAGACCTCTCAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1626
 Db 260 CATGGGTGTGCCCCAGACCTCTCAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 201
 Oy 1627 TGCCAGATCATCTGCGGCGGTGACACATCTCAGCAAAATAGTGTCTGCGGGGTGGTGGT 1686
 Db 200 TGCCAGATCATCTGCGGCGGTGACACATCTCAGCAAAATAGTGTCTGCGGGGTGGTGGT 141
 Oy 1687 GCAGCGCTATGTCTCTGTGAGATTCCTGCAACCTCAGAGACTTCCAGCGCTCAGG 1746
 Db 140 GCAGCGCTATGTCTCTGTGAGATTCCTGCAACCTCAGAGACTTCCAGCGCTCAGG 81
 Oy 1747 CCTGATCTGTCTCTCTGT 1806
 Db 80 CCTGATCTGTCTCTCTGT 21
 Oy 1807 AACTCTTAAAAA 1819
 Db 20 AAAAAAAAAAAAAA 8

RESULT 6 US-10-225-567A-620

: Sequence 620, Application US/10225567A
 : Publication No. US20030113798A1
 : GENERAL INFORMATION:
 : APPLICANT: Lifespan Biosciences
 : APPLICANT: Brown, Joseph P.
 : APPLICANT: Burner, Glenna C.
 : APPLICANT: Roush, Christine L.
 : TITLE OF INVENTION: ANTIGENIC PEPTIDES AND ANTIBODIES FOR G PROTEIN-COUPLED RECEPTORS
 : FILE REFERENCE: 1920-4-4
 : CURRENT APPLICATION NUMBER: US/10/225,567A
 : CURRENT FILING DATE: 2001-12-19
 : PRIOR APPLICATION NUMBER: 60/257,144
 : PRIOR FILING DATE: 2000-12-19
 : NUMBER OF SEQ ID NOS: 2292
 : SOFTWARE: PatentIn version 3.1
 : SEQ ID NO 620
 : LENGTH: 1844
 : TYPE: DNA
 : ORGANISM: Homo sapiens
 : US-10-225-567A-620

Query Match 96.0%; Score 1746.2; DB 9; Length 1844;
 Best Local Similarity 99.5%; Pred. No. 0;
 Matches 1762; Conservative 0; Mismatches 8; Indels 1; Gaps 1;

Oy 49 GGGACCCAAACGAGGCTGGGCTGGAGCCAGATGGCCATCCCAAAAGCCTTGGTGATG 108
 Db 70 GGGACCCAAACGAGGCTGGGCTGGAGCCAGATGGCCATCCCAAAAGCCTTGGTGATG 129
 Oy 109 TGCGTGGAGTGCCTCTCTTCTGTCCAGGGGCTGGGGCCAGGGGCGATGTCCACACC 168
 Db 130 TGCGTGGAGTGCCTCTCTTCTGTCCAGGGGCTGGGGCCAGGGGCGATGTCCACACC 189
 Oy 169 GCGTGAAGCCAAAGGCTCAACCCCTGTACTACAACCTGTGTGAACGGCTGTGGGCGTGG 228
 Db 190 GCGTGAAGCCAAAGGCTCAACCCCTGTACTACAACCTGTGTGAACGGCTGTGGGCGTGG 249
 Oy 229 GCGATGCTCTGTGAGGCGGTGGCTGGGGCGGCAATTGTACACAGTTTGTCTCAACATC 288

Db 250 GGCATGCTCTGTGAGGCGGTGGCTGGGGCGGCAATTGTCAACAGTTTGTCTCAACATC 309
 Oy 289 ATCTGGGAGCCACCTCCCTTTGTGAGGAGCAACCAAGAGGAGCTGTGGGAGC 348
 Db 310 ATCTGGGAGCCACCTCCCTTTGTGAGGAGCAACCAAGAGGAGCTGTGGGAGC 369
 Oy 349 CAGGTATCTCTCTTGTGGGAGCCCTGCTCTTGTGAGGAGCTGTGTGTGTGTGTGTGT 408
 Db 370 CAGGTATCTCTCTTGTGGGAGCCCTGGGCTCTTGTGAGGAGCTGTGTGTGTGTGTGTGT 429
 Oy 409 AAGCCGACCTTCTCAGCTGTGCTGTGGGCGCTCTCTTGTGGGAGTGTGTGTGTGTGT 468
 Db 430 AAGCCGACCTTCTCAGCTGTGCTGTGGGCGCTCTCTTGTGGGAGTGTGTGTGTGTGT 489
 Oy 469 TGCTTCTCTTGTGGGCGCTCAAGTGTGCTGTGCTCAACTTCCGAGGCGGCAAGACAC 528
 Db 490 TGCTTCTCTTGTGGGCGCTCAAGTGTGCTGTGCTCAACTTCCGAGGCGGCAAGACAC 549
 Oy 529 GGGCCCGGGGCTGGGATCTTCACTGTGCTGTGCTGTGACCTGTGTAGAGTATC 588
 Db 550 GGGCCCGGGGCTGGGATCTTCACTGTGCTGTGCTGTGACCTGTGTAGAGTATC 609
 Oy 589 ATCAATACAGTGTGATATATACCTGTGTGGGAGTGTGTGTGTGTGTGTGTGTGTGT 648
 Db 610 ATCAATACAGTGTGATATATACCTGTGTGGGAGTGTGTGTGTGTGTGTGTGTGTGT 669
 Oy 649 GGCACACAGCAGCGAGCGTGGGCGCTCCCTGTGCTGTGCTGTGCAATGAGTGT 708
 Db 670 GGCACACAGCAGCGAGCGTGGGCGCTCCCTGTGCTGTGCTGTGCAATGAGTGT 729
 Oy 709 GTCATGACACTATCTAGTATCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCT 768
 Db 730 GTCATGACACTATCTAGTATCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCT 789
 Oy 769 GCCCTGTGTGCGCTCTCAAGCGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTG 828
 Db 790 GCCCTGTGTGCGCTCTCAAGCGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTG 849
 Oy 829 GCCACCTCCGTTGCTATGAGGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCT 888
 Db 850 GCCACCTCCGTTGCTATGAGGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCTGTGCT 909
 Oy 889 CACAACAGTCCACCTGGGATGACCCACGCTGGCCATGCGCTGTGCGCCGCAATGCTGTG 948
 Db 910 CACAACAGTCCACCTGGGATGACCCACGCTGGCCATGCGCTGTGCGCCGCAATGCTGTG 969
 Oy 949 GCGTTCGCTCTCTCTATAGTATCCCGAGGTGTCCAGAGTGTGACCAAGTGTGACCCGAG 1008
 Db 970 GCGTTCGCTCTCTCTATAGTATCCCGAGGTGTCCAGAGTGTGACCAAGTGTGACCCGAG 1029
 Oy 1009 CAAAGCTACAGGGGAGCATGTACCCACCGGGGCGTGGGCTGTAGAGACCATCTGAAA 1068
 Db 1030 CAAAGCTACAGGGGAGCATGTACCCACCGGGGCGTGGGCTGTAGAGACCATCTGAAA 1089
 Oy 1069 GAGCAGAAAGGCTCAGAGCATGTGTGTGAGAAAGAGGCTTTTCCATGATGAGCCGTT 1128
 Db 1090 GAGCAGAAAGGCTCAGAGCATGTGTGTGAGAAAGAGGCTTTTCCATGATGAGCCGTT 1149
 Oy 1129 GCACCTAAGAGGCGGCTGTACCATACAGCGGCTGTCAATGTGGGCACTGTGTGTGTGT 1188
 Db 1150 GCACCTAAGAGGCGGCTGTACCATACAGCGGCTGTCAATGTGGGCACTGTGTGTGTGT 1209
 Oy 1189 TACACGCGCACTGTAGTGGGCGCTGTATGACAAATTTCCGTGTGAGAGGCTTACGATC 1248
 Db 1210 TACACGCGCACTGTAGTGGGCGCTGTATGACAAATTTCCGTGTGAGAGGCTTACGATC 1269
 Oy 1249 ATCTCCACGAGGCGCACGCAACAGCGAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1308
 Db 1270 ATCTCCACGAGGCGCACGCAACAGCGAGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1329
 Oy 1309 GCTGAAGCATGTACTGGGCGCAAGCCACAGCGGCGCACACCGCGGAAAGAGCGCAAG 1368
 Db 1330 GCTGAAGCATGTACTGGGCGCAAGCCACAGCGGCGCACACCGCGGAAAGAGCGCAAG 1389

QY 1330 CAGAGCCACAGGCGGCCACACCGCCGAAAGCGCAAGACTCTAGGT 1379
DB 1833 CAGAGCCACAGGCGGCCACACCGCCGAAAGCGCAAGACTCTAGGT 1882

RESULT 8

US-09-871-874-7
; Sequence 7, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patentlin Ver. 2.1
; SEQ ID NO 7
; LENGTH: 1532
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-871-874-7

Query Match 74.4%; Score 1353.4; DB 10; Length 1532;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1354; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 CCTCACCACCGGAAAGTACAGTGGCTCAGCCTGAGAGGACCCAAACAGAGCCTGGCC 70
DB 41 CCTCACCACCGGAAAGTACAGTGGCTCAGCCTGAGAGGACCCAAACAGAGCCTGGCC 100
QY 71 TGGAGCCAGAGTGGCCATCACAAGACCTTGTGATGTGCTGGGACTGCTCTCTCC 130
DB 101 TGGAGCCAGAGTGGCCATCACAAGACCTTGTGATGTGCTGGGACTGCTCTCTCC 160
QY 131 TGTTCACAGGAGGCTGGGCGCAGGCGCATGTCCACCCGGCTCAGCCAAAGGCTCAAC 190
DB 161 TGTTCACAGGAGGCTGGGCGCAGGCGCATGTCCACCCGGCTCAGCCAAAGGCTCAAC 220
QY 191 CCTGTACTACAGTGTGTGACGCTGTGGGCGTGGGCGATCGTCTGAGAGCCGTGG 250
DB 221 CCTGTACTACAGTGTGTGACGCTGTGGGCGTGGGCGATCGTCTGAGAGCCGTGG 280
QY 251 CTGGGCGGAGCATGTGTACACAGCTTGTGTCAACATCATCTGTGGCAGCCTCCCT 310
DB 281 CTGGGCGGAGCATGTGTACACAGCTTGTGTCAACATCATCTGTGGCAGCCTCCCT 340
QY 311 TTGTGACAGACACCAAGAAAGAGCCTGTGGGAGCCAGGTATCTCTTCTGGGGA 370
DB 341 TTGTGACAGACACCAAGAAAGAGCCTGTGGGAGCCAGGTATCTCTTCTGGGGA 400
QY 371 CCTGTGGGCTCTCTGTGCTGTGTGCTGTGTGGGAGCCGAGCTTCTCAACCTGG 430
DB 401 CCTGTGGGCTCTCTGTGCTGTGTGCTGTGTGGGAGCCGAGCTTCTCAACCTGG 460
QY 431 CCTGTGGGCTCTCTGTGCTGTGTGCTGTGTGGGAGCCGAGCTTCTCTGTGGGCTG 490
DB 461 CCTGTGGGCTCTCTGTGCTGTGTGCTGTGTGGGAGCCGAGCTTCTCTGTGGGCTG 520
QY 491 AGCTCTTGTGCTCAACTTCTGTGGGCGGAGAAACACAGGCGCCGGGCTGGGTGATCT 550
DB 521 AGCTCTTGTGCTCAACTTCTGTGGGCGGAGAAACACAGGCGCCGGGCTGGGTGATCT 580
QY 551 TCACGTGGGCTGTGTGCTGTGAGCCTGTGTGAGGTCAATCAATCAAGAGTGGCTGATCA 610
DB 581 TCACGTGGGCTGTGTGCTGTGAGCCTGTGTGAGGTCAATCAATCAAGAGTGGCTGATCA 640
QY 611 TCACCTGTGTGCGGAGAGTGTGCGAGGCGGCGCTCAGGCGCAACAGCAGCGAGGCTGG 670
DB 641 TCACCTGTGTGCGGAGAGTGTGCGAGGCGGCGCTCAGGCGCAACAGCAGCGAGGCTGG 700

QY 671 CCGTGGCTTCCCTGTGCTGATGCGCAACATGAGACTTGTGATGAGCATCATCTAGCTGA 730
DB 701 CCGTGGCTTCCCTGTGCTGATGCGCAACATGAGACTTGTGATGAGCATCATCTAGCTGA 760
QY 731 TGTGTGTGCTGCTGCTGCTGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 790
DB 761 TGTGTGTGCTGCTGCTGCTGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 820
QY 791 GCTGGGTAAGCATGGGAGTCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 850
DB 821 GCTGGGTAAGCATGGGAGTCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 880
QY 851 TGTGTGATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 910
DB 881 TGTGTGATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 940
QY 911 ACCCCAGCTGGGCGATGCGCTGCGGCGCAATGCTGGGCTGCTGCTGCTGCTGCTGCTG 970
DB 941 ACCCCAGCTGGGCGATGCGCTGCGGCGCAATGCTGGGCTGCTGCTGCTGCTGCTGCTG 1000
QY 971 TCCCGAGTCTCCAGGTGACCAAGTCCAGCCAGAGCAAGCTACAGGGGAGATGT 1030
DB 1001 TCCCGAGTCTCCAGGTGACCAAGTCCAGCCAGAGCAAGCTACAGGGGAGATGT 1060
QY 1031 ACCCCAGCTGGGCGTGGGCTATGAGACATCTCTGAAAGAGCAAGAGGTACAGCATGT 1090
DB 1061 ACCCCAGCTGGGCGTGGGCTATGAGACATCTCTGAAAGAGCAAGAGGTACAGCATGT 1120
QY 1091 TCGTGGAGAACAGGCTTTCATGATGATGATGATGATGATGATGATGATGATGATGATG 1150
DB 1121 TCGTGGAGAACAGGCTTTCATGATGATGATGATGATGATGATGATGATGATGATGATG 1180
QY 1151 CATACAGCGGTAATGAGGCGACGCTGACAGTGTGTACAGCCAGCTGATGATGAGCC 1210
DB 1181 CATACAGCGGTAATGAGGCGACGCTGACAGTGTGTGTACAGCCAGCTGATGATGAGCC 1240
QY 1211 TGATGACAAAGTTCGCTCCGAAAGAGCTTACAGCATCATCTCCACGGGCGACGCCA 1270
DB 1241 TGATGACAAAGTTCGCTCCGAAAGAGCTTACAGCATCATCTCCACGGGCGACGCCA 1300
QY 1271 ACAGCCAGTGTAGGAGGAGGCAACTGCACTGGGCGGTGAAGCATCTACTCGGCC 1330
DB 1301 ACAGCCAGTGTAGGAGGAGGCAACTGCACTGGGCGGTGAAGCATCTACTCGGCC 1360
QY 1331 AGAGCCACAGGCGGCGCACACCGCCGAAAGAGGCGC 1365
DB 1361 AGAGCCACAGGCGGCGCACACCGCCGAAAGAGGCGC 1395

RESULT 9

US-09-871-874-1
; Sequence 1, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patentlin Ver. 2.1
; SEQ ID NO 1
; LENGTH: 2041
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-871-874-1

Query Match 73.2%; Score 1331.8; DB 10; Length 2041;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1333; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY	45	TGGAGGAGACCCAAACCAGAGCCTGGGCTGGAGACCAAGATGGCATTCACAAGAAGCCTTGT	104
Db	634	TGGAAGAACCCAAACCAGABCCCTGGGCTGGAGGCCAGATGGCATTCACAAGAAGCCTTGT	693
OY	105	GATGTGCCTGGAGCATGCCTCTCTCTCTGTCTCCAGAGGACTTGAGGCCAGGCCATGTGCC	164
Db	694	GATGTGCCTGGAGCATGCCTCTCTCTCTGTCTCCAGAGGAGCTTGAGGCCAGGCCATGTGCC	753
OY	165	AACCGGCTTCAGACCCAAGGCTTAACCCCCTGTACTACAACCTGTGTGAACCGCTTGGGGC	224
Db	754	AACCGGCTTCAGACCCAAGGCTTAACCCCCTGTACTACAACCTGTGTGAACCGCTTGGGGC	813
OY	225	GTGGGGCATCGNCCGTGGAGGCGGTGGGCTGGGGGCGGGAGTTGACACAGSTTGTGTCAAC	284
Db	814	GTGGGGCATCTCGTCTGTGGAGGCGGTGGGCTGGGGGCGGGAGTTGACACAGSTTGTGTCAAC	873
OY	285	CATCATCCTGTGTGGCCAGACCTCCCTTTGTGTGACAGACACACAAGAAAGGAGGCTCTGGG	344
Db	874	CATCATCCTGTGTGGGCGACGCTCCCTTTGTGTGACAGACACACAAGAAAGGAGGCTCTGGG	933
OY	345	GACCCAGGTATTCTTCTTCTGTGGGAGACCTTGAGGCTCTTCTGCGCTGTGTGCTTGTGT	404
Db	934	GACCCAGGTATTCTTCTTCTGTGGGAGACCTTGAGGCTCTTCTGCGCTGTGTGCTTGTGT	993
OY	405	GGTGAAGGCCGACCTTCACACTGTGGGCTGTGGGCTGTGGGCTTCCCTTTGGGGTCTCTGTGC	464
Db	994	GGTGAAGGCCGATTTCTCACCTGTGGGCTGTGGGCTGTGGGCTTCCCTTTGGGGTCTCTGTGC	1055
OY	465	CATCTGCTTCTTGTGTGTGGGGGCTCACAGTCTTTTCCCTCAACTTCTGTGGCCCGGAAGAA	524
Db	1054	CATCTGCTTCTTGTGTGTGGGGGCTCACAGTCTTTTCCCTCAACTTCTGTGGCCCGGAAGAA	1111
OY	525	CCAGGGGCCCCGGGGCTGGGTGATCTTACTGTGGCTTGTCTGTGACCTTGTGTAGAGT	584
Db	1114	CCAGGGGCCCCGGGGCTGGGTGATCTTACTGTGGCTTGTCTGTGACCTTGTGTAGAGT	1172
OY	585	CATCATCAATACAGATGGGTGATCATCAACCTGGTTTGGGGGAGTAGGCGAGGGGCGCC	644
Db	1174	CATCATCAATACAGATGGGTGATCATCAACCTGGTTTGGGGGAGTAGGCGAGGGGCGCC	1233
OY	645	TCAGGGCAAACAGACGCGAGGCTGGGGCGTGGGCTCCCTCGTGTGCAATCGCCACATGGA	704
Db	1234	TCAGGGCAAACAGACGCGAGGCTGGGGCGTGGGCTCCCTCGTGTGCAATCGCCACATGGA	1299
OY	705	CTTTGTCAATGGCACTCATCTACGTCAATGCTGTGTGGGTGGCTCTCTGTGGGGGCGTG	764
Db	1294	CTTTGTCAATGGCACTCATCTACGTCAATGCTGTGTGGGTGGCTCTCTGTGGGGGCGTG	1353
OY	765	GCCGGCCCTGTGTGGGCGGCTACAGAGCGGTGGCGGTAAAGATGGGGCTTTGTGTCTCTAC	824
Db	1354	GCCGGCCCTGTGTGGGCGGCTACAGAGCGGTGGCGGTAAAGATGGGGCTTTGTGTCTCTAC	1413
OY	825	CACAGCCACCTCCGTGTGCATATGAGGTGTGTGATCTGTCAATGTACTTACGGGACAA	884
Db	1414	CACAGCCACCTCCGTGTGCATATGAGGTGTGTGATCTGTCAATGTACTTACGGGACAA	1473
OY	885	GCAGCACAACAGTCCACCTGGATGACCCACAGCTGGGCCATTCGCCCTCGCCGCCAATGC	944
Db	1474	GCAGCACAACAGTCCACCTGGATGACCCACAGCTGGGCCATTCGCCCTCGCCGCCAATGC	1533
OY	945	CTGGGCGCTTCTCTCTTCTTACGTCAATCCCGAGAGTCTCCAGAGTGACCAAGTCCAGCC	1004
Db	1534	CTGGGCGCTTCTCTCTTCTTACGTCAATCCCGAGAGTCTCCAGAGTGACCAAGTCCAGCC	1593
OY	1005	AGACCAAAAGCTACAGGGGAGCATGTATCCCAACCGGGGCGTGGGCTTGTGAGACCATCT	1066
Db	1594	AGACCAAAAGCTACAGGGGAGCATGTATCCCAACCGGGGCGTGGGCTTGTGAGACCATCT	1653
OY	1065	GAAGAGCAGAAAGGTGAGAGCATGTCTGTGGAAACAAGGCTTTTTCATAGATGAGGCC	1124
Db	1654	GAAGAGCAGAAAGGTGAGAGCATGTCTGTGGAAACAAGGCTTTTTCATAGATGAGGCC	1713
OY	1125	GGTTGCAGCTTAAGAGCGGCTGTACCATACAGCGGGGTACANTGGGCACTGTGCACAG	1184

[illegible]

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Db      933 GGCCTCGGCGGCTTCTCTTGGGTTCTTGCCATCTGCTTCTCTGCTGCGGCT 992
QY      490 CAGGTGTTGGCCCTCAATTCGCGCCGGAAGAACACAGGCGCCGCGGGGCTGGATC 549
Db      993 CAGCTTTTGGCTTCACTTCTGCGCCGGAAGAACACAGGCGCCGCGGGGCTGGATC 1052
QY      550 TTCACGTGAGCTCTGCTGACCTGATAGAGTCAATCAATACAGAGTGGCTGATC 609
Db      1053 TTCACGTGAGCTCTGCTGAGACCTGATAGAGTCAATCAATACAGAGTGGCTGATC 1112
QY      610 ATACACCTGTTGCGGGGACAGTGGCGGCGCCCTCAGGGCAACAGCAGGCTG 669
Db      1113 ATACACCTGTTGCGGGGACAGTGGCGGCGCCCTCAGGGCAACAGCAGGCTG 1172
QY      670 GCGGTGAGCTTCCCTCTGTCATGCGCAACATGAGCTTGTCTATGACATCTACGTC 729
Db      1173 GCGGTGAGCTTCCCTCTGTCATGCGCAACATGAGCTTGTCTATGACATCTACGTC 1232
QY      730 ATGCTGCTGCTGCTGAGTGCCTTCTGCGGCGCTGCGCCCTGCTGCTGCTACAG 789
Db      1233 ATGCTGCTGCTGCTGAGTGCCTTCTGCGGCGCTGCGCCCTGCTGCTGCTACAG 1292
QY      790 CCGTGGCTGATGAGTGGGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 849
Db      1293 CCGTGGCTGATGAGTGGGCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1352
QY      850 GTGCTGATGCTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 909
Db      1353 GTGCTGATGCTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1412
QY      910 GACCCACAGCTGCGCATGCGCCCTGCGCCCAATGCTGCGCTGCTGCTGCTGCTGCT 969
Db      1413 GACCCACAGCTGCGCATGCGCCCTGCGCCCAATGCTGCGCTGCTGCTGCTGCTGCT 1472
QY      970 ATCCCGAGGCTTCCCAAGTACAGTACAGTACAGTACAGTACAGTACAGTACAGTAC 1029
Db      1473 ATCCCGAGGCTTCCCAAGTACAGTACAGTACAGTACAGTACAGTACAGTACAGTAC 1532
QY      1030 TACCCACAGGCTGCGCATGCGCCCTGCGCCCAATGCTGCGCTGCTGCTGCTGCTGCT 1089
Db      1533 TACCCACAGGCTGCGCATGCGCCCTGCGCCCAATGCTGCGCTGCTGCTGCTGCTGCT 1592
QY      1090 TTCGTGAGAACAGGCTTTCATGATGAGCCGCTGCTGCTGCTGCTGCTGCTGCTGCT 1149
Db      1593 TTCGTGAGAACAGGCTTTCATGATGAGCCGCTGCTGCTGCTGCTGCTGCTGCTGCT 1652
QY      1150 CCATACAGGCTGATGAGTGGCTGCTGATGAGTGGCTGCTGATGAGTGGCTGCTGAT 1209
Db      1653 CCATACAGGCTGATGAGTGGCTGCTGATGAGTGGCTGCTGATGAGTGGCTGCTGAT 1712
QY      1210 CTGATGCACAAAGTTCCG 1227
Db      1713 CTGATGCACAAAGTTCCG 1730

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; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,006
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,369
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,367
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,368
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,169
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,053
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,064
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,054
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,008
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,365
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 123
; LENGTH: 1034
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-097-065-123

Query Match      37.5%; Score 682.2; DB 9; Length 1034;
Best Local Similarity 98.8%; Pred. No. 9.2e-189;
Matches 687; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY      1125 GGTGAGCTAAAGAGCGGCTGACATGACAGCGGTAAAGGCAAGCTGTGACAC 1184
Db      330 GGAACCAAGCTAAAGAGCGGCTGACATGACAGCGGTAAAGGCAAGCTGTGACAC 389
QY      1185 TGTGACCAAGCTGAGTGGCTGATGACAAAGTCCGTCCGAAGAGCTTACGA 1244
Db      390 TGTGACCAAGCTGAGTGGCTGATGACAAAGTCCGTCCGAAGAGCTTACGA 449
QY      1245 CATCATCTCTCCACAGGCGCACCGCAACAGCAGTGTATGGCAATGCACTGACCT 1304
Db      450 CATCATCTCTCCACAGGCGCACCGCAACAGCAGTGTATGGCAATGCACTGACCT 509
QY      1305 GCGGGCTGAAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1364
Db      510 GCGGGCTGAAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 569
QY      1365 CAAGAACTCTCAGGTCTTTAGAAACCCCTACGTGTGGAGTGAATGAGTGGAGGA 1424
Db      570 CAAGAACTCTCAGGTCTTTAGAAACCCCTACGTGTGGAGTGAATGAGTGGAGGA 629
QY      1425 GAGGCGGTGGATTTGGGGAGGCGCTGAGGACCTGGCCCGGGAAGGAGCTCTCAGG 1484
Db      630 GAGGCGGTGGATTTGGGGAGGCGCTGAGGACCTGGCCCGGGAAGGAGCTCTCAGG 689
QY      1485 CTCCTCTCTCCCTGAGAGGCGCCAGCAACATGTGCCCAATGTGGAAGGCGCTCTCT 1544
Db      690 CTCCTCTCTCCCTGAGAGGCGCCAGCAACATGTGCCCAATGTGGAAGGCGCTCTCT 749
QY      1545 CTCGCAAGTGTGGTGGGTGATGAGTGGTTCACCAACCTCTCAGTGTGTGGAGT 1604
Db      750 CTCGCAAGTGTGGTGGGTGATGAGTGGTTCACCAACCTCTCAGTGTGTGGAGT 809
QY      1605 CGAGAGCAACCCACAGCTCTGCAAGATCACTGGCGGTCACTGACACTGACCAATA 1664
Db      810 CGAGAGCAACCCACAGCTCTGCAAGATCACTGGCGGTCACTGACACTGACCAATA 869
QY      1665 GTGTTCTCGGGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGT 1724
Db      870 GTGTTCTCGGGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGTGGGT 929

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RESULT 11
US-10-097-065-123
; Sequence 123, Application US/10097065
; Publication No. US20030055236A1
; GENERAL INFORMATION:
; APPLICANT: Moore, Paul A. et al.
; TITLE OF INVENTION: 110 Human Secreted Proteins
; FILE REFERENCE: P2021P1
; CURRENT APPLICATION NUMBER: US/10/097,065
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: PCT/US98/27059
; PRIOR FILING DATE: 1998-12-17
; PRIOR APPLICATION NUMBER: 60/070,923
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,007
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,057

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OY	1385	GGCAGTGGCAACTGAGCCCTGCGGCGTAAACAATGTACTCGGCCAAGGCACACGGCG	1344
Db	482	GGCAGTGGCAACTGACCCCTGAGGGCCGAACAACATGTTGGCGCCAGGCACACGCA	541
OY	1345	GCCACACCGCGCGAAGAAGCGGCAAGACACTGAGGCTTTAGAAACCCCTACGTGGGAC	1404
Db	542	GCCACGCCACCGAGAGACGGCAAGAGCTCCAGGCTTTAGAAACCCCTACGTGGGAC	601
OY	1405	TGAGTCAGCGG	1415
Db	602	TGAGTCGGCGG	612

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RESULT 14
US-09-871-874-5
; Sequence 5, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; TITLE OF INVENTION: Splice Variant of mGLUR
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 1370
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-871-874-5

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[illegible]

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RESULT 15
US-09-871-874-6
; Sequence 6, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Iliat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871.874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 1070
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-871-874-6

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Query Match	28.4%	Score 515.8	DB 10	Length 1070
Best Local Similarity	98.7%	Pred. No. 2.9e+140		
Matches 520	Conservative 0	Mismatches 7	Indels 0	Gaps 0
QY	1123	CCGGTTGCAGCTAAGAGGCGCGGTGTACACCATACAGCGGGTACAAATGGGACGCTCTGACC	1182	
DB	544	CAGCTGTGAGCTAAGAGGCGCGGTGTACACCATACAGCGGGTACAAATGGGACGCTCTGACC	603	
QY	1183	AGTGTGTACCAAGCCCACTGCAGATGGCCCTGATGCACAAAGTTCCGTCGAAGAGCTTAC	1242	
DB	604	AGTGTGTACCAAGCCCACTGCAGATGGCCCTGATGCACAAAGTTCCGTCGAAGAGCTTAC	663	
QY	1243	GACATCATCCGCCACCGGGCCACGCCCAAGCGAGTGATGGGAGTGGCCACATCGACC	1302	
DB	664	GACATCATCTCTCCACGGGCCACGCCCAAGCGAGTGATGGGAGTGGCCACATCGACC	723	
QY	1303	CTGGCGGCTGAAGACATGTACTCGGCCCAGAGCCACCAAGGCGGCACACCGCCGAAAGAC	1362	
DB	724	CTGGCGGCTGAAGACATGTACTCGGCCCAGAGCCACCAAGGCGGCACACCGCCGAAAGAC	783	
QY	1363	GGCAAGAACTCTCAGGTTTTCAGAAACCCCTACTGTTGGGACTGAGTCAAGCGGTGGGAG	1422	
DB	784	GGCAAGAACTCTCAGGTTTTCAGAAACCCCTACTGTTGGGACTGAGTCAAGCGGTGGGAG	843	
QY	1423	GAGAGGCGGTGGAGATTGTGGGAGGGGCCCTGAGGACCTGGCCCGGGGCAAGGGACCTTCCA	1482	
DB	844	GAGAGGCGGTGGAGATTGTGGGAGGGGCCCTGAGGACCTGGCCCGGGGCAAGGGACCTTCCA	903	
QY	1483	GGCTCTCTCTCCCTCTGGCAGGCGCCAGCACATGTGCCCCAGATGTGGAAAGGGCTCCCT	1542	
DB	904	GGCTCTCTCTCCCTCTGGCAGGCGCCAGCACATGTGCCCCAGATGTGGAAAGGGCTCCCT	963	
QY	1543	CTCTGCCAGTGTGGGTGGGTGTCTATGGGTGTCCCAACCACTCTCAGTGTGTGGGA	1602	
DB	964	CTCTGCCAGTGTGGGTGGGTGTCTATGGGTGTCCCAACCACTCTCAGTGTGTGGGA	1023	
QY	1603	GTCGAGGAGCCAAACCCACGCTCTGCGCCAGGATCACTCGCGCGGCA	1669	
DB	1024	GTCGAGGAGCCAAACCCACGCTCTGCGCCAGGATCACTCGAGGGGAA	1070	

Search completed: June 26, 2003, 11:23:57
Job time : 284 secs

